

THE CONVERGENCE OF SCIENCE AND MEDICINE

FUNDING OPPORTUNITIES

1

INVESTING IN AUDACIOUS AND ORIGINAL SCIENTISTS

Named Professorships

A named professorship provides financial support for a head of laboratory. This includes start-up funding, full salary, and an annual core grant to encourage the pursuit of bold questions.

- **Named Professorship for a Tenured Head of Laboratory** **\$5 million**
- **Named Professorship for a Tenure-Track Head of Laboratory** **\$3 million**

Targeted Recruitment

- **Tenured Head of Laboratory in Neurodegenerative Disease** **\$10 million**
A tenured head of laboratory in neurodegenerative disease will marshal efforts to translate the foundational biology of neurodegeneration into new therapies and treatments.
- **Tenured Head of Laboratory in Computational Biology/
Artificial Intelligence** **\$10 million**
A tenured head of laboratory in computational biology/artificial intelligence will serve as the founding director of the Starr Center for Computational and Quantitative Science, and will work closely with Rockefeller's life scientists to apply advanced mathematics and computation to the analysis of biological and biomedical data.

1

INVESTING IN AUDACIOUS AND ORIGINAL SCIENTISTS

Named Laboratory

\$3 million

A gift to create a named laboratory helps faculty advance their research. The university's independent laboratories conduct a broad spectrum of studies in cell and developmental biology, biochemistry and structural biology, immunology, microbiology, neuroscience, medical sciences, and human genetics.

Big Ideas Fund

Gifts of all levels

The Big Ideas Fund will award competitive grants to heads of lab to support high-risk, high-reward research in basic science. The questions asked and answered with these funds will launch new fields, inspire technological innovation, and lay the foundation for groundbreaking biomedical investigations.

Named Postdoctoral Fellowship

\$1.5 million

Rockefeller offers advanced training for recent graduates of doctoral programs in the sciences. A postdoctoral fellowship can be named in perpetuity with a gift of \$1.5 million. *Term fellowships can also be funded.*

Named Graduate Fellowship

\$1 million

A named graduate fellowship will enable Rockefeller to continue to attract and train talented doctoral students who represent the next generation of leaders in biomedicine. A graduate fellowship can be named in perpetuity with a gift of \$1 million. *Term fellowships can also be funded.*

2

TRANSLATING DISCOVERIES INTO DIAGNOSTICS AND THERAPEUTICS

Institute for the Convergence of Science and Medicine

\$125 million

The Institute for the Convergence of Science and Medicine will bring together Rockefeller investigators from a broad range of fields to maximize the connections between basic science, clinical medicine, and drug discovery. This institute will provide our scientists with the latest technology and generous funding, so that they can find new ways to prevent, mitigate, and cure diseases. *A detailed description and budget are available for this Institute.*

Therapeutic Discovery Fund

\$50 million

The Therapeutic Discovery Fund will expand the university's translational ecosystem with a series of grants that bridge the gap between discovery science and the creation of new medicines. Gifts can be made at all levels to support research at each stage of therapeutic discovery:

- **Proof-of-Concept Grants (\$25,000 to \$100,000)**

Proof-of-concept grants support the early lead identification process — usually the development and performance of high-throughput screens.

- **Advanced Proof-of-Concept Grants (\$100,000 to \$350,000)**

These grants support production of compounds for cell/animal proof-of-concept studies.

- **Modification of Candidate Drug Grants (\$500,000)**

These grants provide funding for late phase preclinical chemistry and safety pharmacology for projects with the potential for high clinical impact.

- **Home Stretch Grants (\$1 million and above)**

Home Stretch Grants support translational research projects as they move into Phase I and II clinical trials.

2

TRANSLATING DISCOVERIES INTO DIAGNOSTICS AND THERAPEUTICS

Sustaining Support for The Rockefeller University Hospital

\$25 million

The Rockefeller University Hospital is a vital link in the translational pipeline, providing expertise, personnel, and programs to help Rockefeller scientists through every stage of clinical investigation, from establishing patient protocols to conducting clinical trials. An on-campus research hospital offers university investigators an immeasurable advantage in translating discoveries into medicines.

- **Named Clinical Scholarship**

\$2 million

Rockefeller's three-year Clinical Scholars Program prepares physicians for independent careers in clinical investigation and leads to a master's degree in clinical and translational research. The 15 to 20 early-career physician-scientists enrolled in the program each year serve as critical glue in therapeutic ventures at Rockefeller.

- **Named Assistant or Associate Professorship of Clinical Investigation**

\$3 million

Assistant and associate professors of clinical investigation are key members of the translational team, developing independent projects that often lead to clinical trials and promising therapeutics.

- **Support for the Pilot Grants Program**

Gifts of all levels

The Pilot Grants Program provides support for basic scientists to undertake new studies in the hospital, incentivizing clinical and translational research across the university's entire research enterprise.

Translational Research Accelerator

\$15 million

An on-site Translational Research Accelerator will provide move-in ready laboratory and office space and entrepreneurial support for 15 to 20 start-up companies. This venture will foster synergy between research, bioengineering, and entrepreneurship, helping Rockefeller to secure financial support for research endeavors through commercialization of its intellectual property.

Women & Science Entrepreneurship Fund

Gifts of all levels

Building on the pioneering *Women & Science* initiative, the WEF provides a competitive grants program for women scientists and offers project mentoring and entrepreneurship training for women scientists who want to pursue the therapeutic potential of their discoveries.

3

CATALYZING COLLABORATIONS NEW INTERDISCIPLINARY INSTITUTES AND CENTERS

Detailed descriptions and budgets are available for each of the centers and institutes listed below.

Institute for the Convergence of Science and Medicine

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Institute for Research on Neurodegenerative Diseases

\$100 million

Rockefeller investigators are uncovering the mechanisms that drive neurodegeneration, not only in Alzheimer's and Parkinson's, but in diseases like Huntington's and ALS. Scientists in the Institute for Neurodegenerative Diseases will expand the boundaries of our current knowledge, translating basic biology into innovative therapies.

Institute for Research in Immunology, Inflammation, and Infectious Disease

\$50 million

Rockefeller is home to some of the most exceptional immunologists and infectious disease specialists in the world. This institute will centralize their efforts to solve complex conditions that affect both the developed and developing world, including cancer, lupus, rheumatoid arthritis, autoimmune disorders, influenza, coronaviruses, hepatitis B, Zika, malaria, and antibiotic resistance.

3

CATALYZING
COLLABORATIONS
NEW INTERDISCIPLINARY
INSTITUTES AND CENTERS

Center for Global Infectious Disease Research

\$25 million

A rapid therapeutic response to emerging viruses, such as the virus that causes COVID-19, must be driven by the best science. This new center will shorten the time between the identification of a new virus and devising and implementing diagnostics, therapeutics, vaccines, and cures.

Center for the Social Brain

\$25 million

Rockefeller neuroscientists are making groundbreaking discoveries about the underpinnings of social interaction and behavior. Their work is revealing the biological principles that govern social intelligence, spoken language, and complex social organization.

Center for Research on Women’s Health and Health Disparities

\$25 million

There is substantial evidence that sex, gender, race, and ethnicity influence how people manifest and experience disease, and respond to treatments and medications. Healthcare needs to be grounded in science. This new center will focus on the fundamental science that underpins health disparities.

4

POWERING THE FUTURE THROUGH DISRUPTIVE TECHNOLOGIES

Scientific Resource Centers

For Rockefeller to sustain its extraordinary scientific pace, support for the timely acquisition of new technologies must be a priority. The university's Scientific Resource Centers are centralized facilities that make cutting-edge equipment and expert technical services available to all laboratories on campus.

- **Frits and Rita Markus Bio-Imaging Resource Center**
- **Bioinformatics**
- **CRISPR and Genome Editing Resource Center**
- **Evelyn Gruss Lipper Cryo-Electron Microscopy Resource Center**
- **Electron Microscopy Resource Center**
- **Flow Cytometry Resource Center**
- **Genomics Resource Center**
- **High Performance Computing**
- **High-Throughput and Spectroscopy Resource Center**
- **Precision Instrumentation Technologies**
- **Proteomics Resource Center**
- **Structural Biology Resource Center**
- **Vertebrate Genome Laboratory**

Named Scientific Resource Center

\$5 million

A gift to name a Scientific Resource Center will provide funding for leading-edge tools, instruments, and infrastructure, driving a new generation of scientific breakthroughs.

Annual Support for a Scientific Resource Center

\$1 million

Annual operating support for a Scientific Resource Center will make a significant impact on a broad array of investigations.

4

POWERING THE FUTURE THROUGH DISRUPTIVE TECHNOLOGIES

Named Directorship of a Scientific Resource Center

\$2 million

Directors of Scientific Resource Centers play key roles in advancing biomedical science. They provide expert technological training and guidance to university scientists, maximizing the benefits and potential of a center's tools and instrumentation.

Emerging Technology Fund

Gifts of all levels

Technology often evolves rapidly, transforming the course of scientific investigation. To be ready for the next revolution, Rockefeller has created an Emerging Technology Fund to enable the university to quickly acquire advanced technologies.

Critical Equipment Purchases

Gifts of all levels

The university maintains a ranked list of critical equipment needs for the Scientific Resource Centers. This list includes new instrumentation as well as upgrades to current technology that expand functionality.

5

ENHANCING THE SCIENTIFIC ENVIRONMENT

Naming Gift for the Child and Family Center

\$15 million

Children aged three months to five years are eligible to attend the university's Child and Family Center (CFC), an exceptional resource located right on campus. The CFC provides high-quality, heavily subsidized daycare for the children of Rockefeller scientists, enabling parents to concentrate on their research knowing that their children are in caring and expert hands.

Naming Gift for the RockEDU Science Outreach Program

\$7.5 million

RockEDU offers several year-round classes and educational opportunities for students and teachers, many from under-resourced New York City schools. The program fosters a passion for science in K-12 students, offers support for teachers, and provides a model for other outreach programs.

Naming Gift for the RockEDU Teaching Lab

\$3 million

Rockefeller has dedicated 3,000 square feet of prime laboratory space in the university's Collaborative Research Center as a teaching lab for the RockEDU Science Outreach Program.

Campus Naming Opportunities

- **Scholars Residence** **\$15 million**
- **Faculty House** **\$10 million**
- **Audubon Room in historic Welch Hall** **\$2.5 million**
- **South Terrace Garden** **\$1.5 million**
on the Stavros Niarchos Foundation–David Rockefeller River Campus
- **North Conference Room in the Hess Academic Center** **\$500,000**
- **South Conference Room in the Hess Academic Center** **\$500,000**
- **Preservation of Gardens and Green Spaces** **\$100,000 – \$1 million**